NOTE XI.

ON PSOPHIA VIRIDIS AND PS. OBSCURA

BY

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When Dr. Sharpe wrote the Catalogue of the Fulicariae and Alectorides (Birds, vol. XXIII, 1894) he referred with regard to the above two species to the material in the Leyden Museum, as they were not then represented in the collection of the British Museum. Misled by the wrong determination of the specimen labelled »*Psophia viridis* Spix" Dr. Sharpe declared both species named above identical, saying, and no doubt quite correctly, in reference to the two specimens in our Museum »I have seen one of the typical specimens of *Psophia obscura* in the Leyden Museum and could not find any character distinguishing it from *Ps. viridis*". But the specimen out of the old collection of Temminck and labelled in his handwriting »*Psophia viridis* Spix, Bolivia" does not belong to this species, but is a true *Ps. obscura* Natt., of which species our Museum fortunately possesses one of the 3 examples collected by Johan Natterer at Para. This specimen, an old female, is the type of Sharpe's description of his »*Ps. viridis*" and differs from the other one (»*Ps. viridis* Temm. nec Spix) in having purple tips to the greater series of the wing coverts. Otherwise both specimens are exactly alike; the feathers of the neck are almost black like the under parts, and show only a faint purplish gloss, but by no means »bright purplish reflections" as described by Dr. Sharpe.

Psophia viridis Spix (Av. Bras. II, 1825, p. 66, tab. 83), of which we possess no specimen, is, judging from descriptions, an allied but decidedly distinct species. W. Blasius [1]) in his review of the species of this genus says: »die Federn des Unterhalses stark metallisch kupferfarbig und hauptsächlich violettglänzend" which is not the case in *Ps. obscura.* And besides »der Rücken, die verlängerten weichen Schulterfedern grün, mit Rostfarbe vermischt", it does also not answer to our specimen of *Ps. obscura*, which has the feathers of these parts (the back and shoulders) only margined with green, and therefore only shining with green in certain lights.

I append a list of the species of the genus *Psophia* in the collection of the Leyden Museum:

1) *Psophia crepitans* L.
   N°. 1. Ad. »Surinam p. Mirandolle" (old label of Temminck).
   N°. 2. Ad. — No indication. — According to a monogram on the underside of the stand probably out of the collection of Prinz Maximilian zu Wied.
2) *Psophia leucoptera* Spix.
   N°. 1. Ad. female. — From Mr. F. E. Blaauw's Zoolog. Garden at 's Graveland and presented by the owner in 1896.
3) *Psophia ochroptera* Natt.
   N°. 1. Ad. — No indications.
   N°. 2. Ad. male. Brasil (Barra do Rio negro. 20 April 1838, coll. by Joh. Natterer). — In exchange from the Imp. Mus. in Vienna 1862.
4) *Psophia obscura* Natt.
   N°. 1. Ad. s. n. »*Ps. viridis* Spix, Bolivia" (old collection of Temminck).

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1) „Ueber einen vermuthlich neuen Trompeter-Vogel von Bolivia (*Psophia cantatrix* Boeck in litt.)" Cabanis' Journ. f. Ornith. XXII, 1884, pp. 203—210.

Nº. 2. Ad. female. Brasil (Para, coll. by Joh. Natterer).

The species not represented in the Leyden Museum are the following:

Psophia napensis Scl. & Salv. — Ecuador.
» *viridis* Spix. — Amazonia.
» *cantatrix* Boeck. — Bolivia.

This last species seems to be nearly allied to *Ps. leucoptera*, but must be included for the present among the »doubtful species". The short description of von Boeck (from a living specimen) is all we have to depend on, and therefore a more careful investigation is most desirable.

Leyden Museum, February 1898.